

## Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



32  
A982  
p 2  
(10)

UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Research Administration  
Bureau of Agricultural and Industrial Chemistry  
Southern Regional Research Laboratory

SELECTED PUBLICATIONS

of the

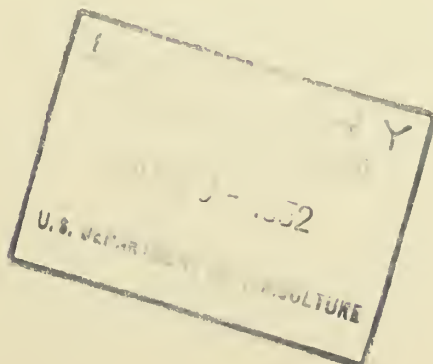
Naval Stores Research Division

on

PRODUCTION, PROPERTIES, and USES of NAVAL STORES  
(Turpentine, rosin, pine gum, etc.)

Naval Stores Station  
Olusteo, Florida

(See Supplements 1, 2, and 3, through November, 1951)





Supplement 3 - AIC-144  
November 1951

<u>PRODUCTION</u>	<u>Reference Number</u>
*New naval stores product is ready for commercial evaluation. E. L. Patton. Naval Stores Rev. <u>59</u> (48): 16 (1950).	519
*New methods improve turpentine. E. P. Waite and N. C. McConnell. Naval Stores Rev. <u>59</u> (52): 18, 22, 23 (1950).	520
*Larger turpentine cups prove more efficient without effect on product yields or grade. Ralph W. Clements and D. N. Collins. Naval Stores Rev. <u>60</u> (13): 16-18 (1950). (With United States Forest Service.)	526
Still Better (staff-industry collaborative report). Will H. Shearon, Jr., E. L. Patton, E. P. Waite, and N. C. McConnell. Indus. and Engin. Chem. <u>42</u> (11): 18a-20a (1950). (With Indus. and Engin. Chem.)	528
*Better grades of rosin by proper handling of chips. N. C. McConnell. Naval Stores Rev. <u>60</u> (44): 11 (1951); AT-FA. <u>13</u> (4): (1951).	530
*Improved filtering process developed for gum naval stores processing. Hugh B. Summers, Jr. and E. P. Waite. Naval Stores Rev. <u>60</u> (53): 12-13 (1951); AT-FA. <u>13</u> (6): 16-17 (1951).	533
*Better rosin by double-washing in gum cleaning, N. C. McConnell and E. L. Patton. AIC-311. (Processed.) (July 1951).	534
<u>SCIENTIFIC AND TECHNICAL</u>	
*Method for identifying isobutylene. Edwin D. Parker and L. A. Goldblatt. Analyt. Chem. <u>21</u> : 807 (1949).	514
*Synthetic rubber produced from turpentine. Res. Achvt. Sheet 124(C). (Processed.) (December 1949).	517
*The thermal isomerization of allo-ocimene. Edwin D. Parker and L. A. Goldblatt. Amer. Chem. Soc. Jour. <u>72</u> (5): 2151-59 (1950).	522
*The peroxide-catalyzed addition of carbon tetrachloride to beta-pinene. Dorothy M. Oldroyd, G. S. Fisher and L. A. Goldblatt. Amer. Chem. Soc. Jour. <u>72</u> (6): 2407-10 (1950).	524

SCIENTIFIC AND TECHNICAL (continued)

Reference  
Number

\*Peroxides from turpentine as catalysts for 5° C. GR-S polymerization. G. S. Fisher, L. A. Goldblatt, I. Kniel, and A. D. Snyder. Indus. and Engin. Chem. 43(3): 671-74 (1951). (With Government Laboratories, University of Akron.) 532

GENERAL AND MISCELLANEOUS

\*Applied research on pine gum at the Naval Stores Station. D. N. Collins. AIC-251. (Processed.) (August 26, 1949.) 515

\*Role of Olustee gum cleaning in a new pine gum industry. E. L. Patton and G. P. Shingler. Naval Stores Rev., Internatl. Yearbook. 106-109 (1949). 516

\*Latest methods applied to naval stores processing. F. L. McKennon and E. P. White. Paint, Oil, and Chem. Rev. 113(12): 17,18,20 (1950). 525

\*Research in the naval stores industry. E. L. Patton and F. L. McKennon. Naval Stores Rev., Internatl. Yearbook. 78-80 (1950). 527

\*Research modernizes the gum naval stores industry. E. L. Patton. Naval Stores Rev. 60(48): 13, 14, 22, 23 (1951). 531

Past, present and future of a rejuvenated process industry. A new tack for gum naval stores. D. N. Collins and E. L. Patton. Chem. Engin. 58(9): 154-156 (1951). 537

\*New horizons seen for pine gum through research. E. L. Patton. Naval Stores Rev., Internatl. Yearbook. 80-82, 96, 97 (1951). 539

\*The industrial utilization of rosin. R. V. Lawrence. Yearbook of Agric. 1950-1951. Crops in Peace and War. 822-826; Naval Stores Rev. 61(30): 16,17,25-28 (1951). 540

\*The chemicals we get from turpentine. L. A. Goldblatt. Yearbook of Agric. 1950-1951. Crops in Peace and War. 814-821. 541

\*RESEARCH-Naval Stores Bonus. Chem. Week. 68(19): 33 (1951). (Editorial-Maleo-pimaric acid-a new product.) 535

PATENTS

The flash distillation of turpentine. H. C. McConnell, L. W. Mims, Harry P. Poole, and Hubert R. Lanier. U. S. Patent No. 2,500,194. March 14, 1950. 518

<u>PATENTS (continued)</u>	<u>Reference Number</u>
Modified rosin esters. R. V. Lawrence and Muriel W. Kaufman. U. S. Patent No. 2,504,989. April 25, 1950.	521
Process for producing myrcene from penta-pinene, Theodore Svich and L. A. Goldblatt. U. S. Patent No. 2,507,546. May 16, 1950.	523
Organochlorosilanes processes for their production. L. A. Goldblatt and Dorothy M. Oldroyd. U. S. Patent No. 2,533,240. December 12, 1950.	529
Halogenated terpene addition compounds. L. A. Goldblatt and Dorothy M. Oldroyd. U. S. Patent No. 2,564,685. August 21, 1951.	536
Aluminum resinates and methods of preparation. W. E. St. Clair and R. V. Lawrence. U. S. Patent No. 2,567,250. September 11, 1951.	538
New and improved metal resinates and method of preparation. W. E. St. Clair and R. V. Lawrence. U. S. Patent No. 2,572,071. October 23, 1951.	542

